

# MISSOURI EMISSIONS INVENTORY SYSTEM

MOEIS



Missouri  
Department of  
Natural Resources

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## About MOEIS:

The Missouri Emissions Inventory System (MoEIS) allows entering data into an on-line database as a substitute for the paper version of the annual Emissions Inventory Questionnaire (EIQ). Once the static site information, including emission units with associated emission processes, controls, and emission release points, are input to MoEIS, future emissions inventories will only require entering process throughputs and making any updates that result from changes at the facility. MoEIS requires the free Adobe Acrobat Reader. If it is not installed on your computer, there is a link to download the software with MoEIS. The system was designed to work on Microsoft Internet Explorer Version 4 or later. It will also work with Netscape browsers, but the screens will look different. Macintosh users may not be able to use MoEIS even with Internet Explorer. If so, it will be necessary to use a Windows PC.

The user will still be required to submit a paper process flow diagram, EIQ form 1.1, any supporting documentation, and a signed copy of the front page of the report, which MoEIS produces (equivalent to the paper form 1.0) and send them with their check for the emissions fees.

One significant difference between the MoEIS system and conventional Internet browsing is the use of the **BACK** button. If the **BACK** button is clicked, the system will end the session, and any work in progress that has not been verified with a message “Update Successful”, will not be saved. Each page has a button at the bottom that says “**RETURN TO PREVIOUS PAGE**”. This button must be used instead of the back button to avoid losing data.

If you need assistance with using the MoEIS system, you may call the MoEIS Help Desk:

Phone: **1-866-MoEIS4U (1-866-663-4748)**

**WEBSITE:** <https://www.dnr.mo.gov/moeis/main/login>


Login to MOEIS online with User ID/Password.

MoDNR - MoEIS login - Microsoft Internet Explorer provided by Missouri DNR

File Edit View Favorites Tools Help

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Address <https://inmr2webtest.dnr.state.mo.us/moeis/main/login> Go Links

 Missouri Emissions Inventory System  
**MOEIS**

Welcome to MoEIS online (Version 4.0)

Be sure you are accessing MoEIS online using HTTPS rather than HTTP to ensure a secured connection:  
<https://www.dnr.mo.gov/moeis/main/login>


Please enter a user ID and password below. An authenticated user ID and password are required for online access. If your session times out due to inactivity, you will be prompted to re-login.

If you need assistance with your user ID and password, please contact the Missouri Department of Natural Resources' Air Pollution Control Program at 1-866-MoEIS4U (863-4748).

User ID:

Password:

---

 Missouri Department of Natural Resources  
P. O. Box 176, Jefferson City, MO 65102

1-866-663-4748 / (573) 751-4917  
E-mail: [pao@dnr.mo.gov](mailto:pao@dnr.mo.gov)

Done Local intranet

A list of facilities will come up after you log in. Click on plant number to go to home page for that EIQ.

You will notice a **SERVICES** section in gold and an **INVENTORY** section in green at top of the page.

## **SERVICES SECTION:**

**HOME:** Click here to return to home page of an EIQ. This page shows any messages we may have for a facility, also has the **EIQ FAST TRACK**. You can click on the fast track to go in and enter an emission unit, process and worksheet quickly and then will be directed to the other pages that you need to enter.

MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR

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Address [https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_home.htm](https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_home.htm) Go Links »

**MOEIS** SERVICES... HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EIQ HELP  
INVENTORY... SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EIQ COMMENTS

**EIQ FAST TRACK**

FIPS County: 001, ADAIR Emission Year: 2004  
Plant: 0002, VV. L. MILLER COMPANY Site: KIRKSVILLE PLANT

Complete the information below to add a new Emission Unit and/or Emission Process.

\* Indicates required field

**EIQ FAST TRACK STEP 1 Add An Emission Unit**

Enter the Emission Unit information, or press Select an Emission Unit if one has already been created.

\* Emission Unit:    
Description:

\* No. of Units:   
Date Installed /Modified:  (mm/dd/yyyy)  
No. of SCCs Used:

**EIQ FAST TRACK STEP 2 Add an Emission Process**

Complete the detail information below.

Seg No.:

Done Local intranet

**CONTACT US:** Facilities can click here to send an email to us.

The screenshot shows a web browser window titled "MOEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://mriwebtest.dnr.state.mo.us/moeis/framesets/fs\\_contact\\_us.htm](https://mriwebtest.dnr.state.mo.us/moeis/framesets/fs_contact_us.htm). The page features a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, WORKSHEETS, SUBMIT EIQ, and HELP. Below the menu is a "Contact Us" section with a "Contact Us" button. The form includes fields for "Your name", "Your e-mail", "Phone No." (with area and local number sub-fields), "Subject", and a "Message" text area. A "SEND E-MAIL" button is at the bottom of the form. To the right of the form, there are radio buttons for "Topic": "Emission-Related Question", "Computer-Related Question", "Suggestion/Comments", and "Sign up for Training". Below the form, a note states: "If you need immediate assistance, contact the Missouri Department of Natural Resources' Air Pollution Control Program at 1-866-MOEIS4U (663-4746)." The footer contains the Missouri Department of Natural Resources logo, address (P. O. Box 176, Jefferson City, MO 65102), phone number (1-866-663-4748 / (573) 751-4817), and email ([pac@dnr.mo.gov](mailto:pac@dnr.mo.gov)).

**SELECT A NEW SITE:** This service will take you back to the list of facilities.

**REPORTS:** "EIQ Checker" and "Print EIQ" can be found here. Facilities will want to click here to utilize the EIQ checker before submitting EIQ. This will check the EIQ to make sure all units and emission release points have been tied to a flow path, also will check to make sure cost estimate form is entered. Print EIQ can be used if you want a copy of an EIQ to look at before submitting. The 3.0 form will not print until the EIQ is submitted.

The screenshot shows a web browser window titled "MOEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://mriwebtest.dnr.state.mo.us/framesets/fs\\_reports.htm](https://mriwebtest.dnr.state.mo.us/framesets/fs_reports.htm). The page features a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, WORKSHEETS, SUBMIT EIQ, and HELP. Below the menu is a "Reports" section with links for "EIQ CHECKER" and "PRINT EIQ". The text on the page reads: "Use the online MoEIS reports to inform you about the status of your EIQ. The 'EIQ Checker' will give you a report indicating completed and missing sections. 'Print EIQ' will provide a Portable Document Format (PDF) file containing your Emissions Inventory Questionnaire (EIQ)." The footer contains the Missouri Department of Natural Resources logo, address (P. O. Box 176, Jefferson City, MO 65102), phone number (1-866-663-4748 / (573) 751-4817), and email ([pac@dnr.mo.gov](mailto:pac@dnr.mo.gov)).

**SHORTCUTS:** You will be able to type in an emission unit or emission process and go directly to that page.



**SUBMIT EIQ:** After completing all the data entry and this information has passed the form checker, click here to submit your EIQ. This will show the fees due. After clicking the “**Submit**” button at the bottom of this page, your EIQ will be sent to the provided email address.





**INVENTORY SECTION** is where you do the data entry for the EIQ.

**SITE:** Click here and a drop down list will appear. Select **GENERAL INFO** on the drop down list. You need to verify the information listed. If it is a read only field and it contains an error, you will need to click on the **“Contact us”** button to report this. Each section has a **“Request change”** or a **“Modify”** button. You can make the changes needed and if it is a request change, it will be sent to Department of Natural Resources for review. If the **“modify”** button is chosen, the changes will be updated automatically.

MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR

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Address [https://nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_site.htm](https://nr2webtest.dnr.state.mo.us/moeis/framesets/fs_site.htm) Go Links

SERVICES... INVENTORY... HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EIQ HELP

SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EIQ COMMENTS

GENERAL INFO CONTROL EQUIPMENT EMISSION RELEASE POINTS COST ESTIMATE EMISSIONS SUMMARY

### General Info

FIPS County: 999, Test Emission Year: 2004  
Plant: 0002, OMER TEST2 Site:

GENERAL SITE INFO LOCATIONAL INFO  
SITE PHYSICAL ADDRESS PARENT COMPANY INFO  
SITE MAILING ADDRESS PROPERTY OWNER

Click on a choice to review and edit Site information.

#### GENERAL SITE INFORMATION

Review the information provided for this Site. If there are any errors with the read-only fields, please [Contact Us](#).

Enforcement Class: A Operating Status: Active OP Permit Type: P70

Jurisdiction: Region:

NAICS: SIC: 4911 CODE LIST Select new SIC and NAICS codes.

Product Description: ELECTRICITY

\* Does the EIQ contain confidential information? ☐ Yes ☒ No

REQUEST CHANGES Click the "Request Changes" button to e-mail your request for changes.

Local intranet



Next, go back to the drop down list and select **CONTROL EQUIPMENT**. This is a list of all the control equipment at the facility. Select “Add to list” to enter the control equipment information on the control equipment detail page. Enter the device no., device code, and description and then click “Add.” A message will say “add successful” when completed.

Next, you will be able to enter your control efficiency information. Click on “add to list”, and then select pollutant, enter capture efficiency, control efficiency and start and end dates. After entering the required fields, click the “add” button. “Return to previous page” to go back to the list of control equipment. If you need to modify a control device on the list, click on the device number and it will take you to the detail page to make your changes and then click on modify to update them.

**MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR**

Address: [https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_site.htm](https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_site.htm)

**MOEIS SERVICES...** HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EQ HELP  
**INVENTORY...** SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EQ COMMENTS

GENERAL INFO CONTROL EQUIPMENT EMISSION RELEASE POINTS COST ESTIMATE EMISSIONS SUMMARY

### Control Equipment Details

FIPS County: 999, Test Emission Year: 2004  
 Plant: 0002, OMER TEST2 Site:

Complete the information below.  
*\* Indicates Required Field.*

\* Device No.:   
 \* Device Code:   
 \* Description:   
 Operating Status:

**ADD MODIFY DELETE RETURN TO PREVIOUS PAGE ASSOCIATED EMISSION UNITS**

Click on a Pollutant to see its detail sheet.  
 Remove or add Pollutants to this list by using the buttons below.

Check to Remove	Pollutant	HAP Chemical (if applicable)	HAP CAS No.	Source of Efficiency	Capture Efficiency	Control Efficiency	Start Date	Stop Date
<p><b>ADD TO LIST</b></p>								

Next you will select **EMISSION RELEASE POINTS** from the drop down list. This will bring up the list of all your stacks, vents etc. for the facilities. Each emission unit has to have an emission release point. If it does not have a stack, vent etc. that it goes through, it shall be listed as a fugitive ERP. Only list each ERP once, even if it is used for more than one emission unit.

Select “add to list” to bring up the emission release point detail page. Enter ERP ID #, ERP type, operating status and description. If it is a fugitive, click the add button. If it is a stack or vent, you will need to enter information for diameter, height etc. and then click “add”. A message will say “add successful”. You can continue to add each ERP by changing the information and clicking add each time until all have been added. Click on “Return to previous page” to go back to the list of all your emission release points. To modify, click on the ERP ID on your list and go to the detail page where you can make changes. Then click “modify”.

The screenshot shows a web browser window titled "MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://n-r2webtest.dnr.state.mo.us/moeis/framesets/fs\\_site.htm](https://n-r2webtest.dnr.state.mo.us/moeis/framesets/fs_site.htm). The page has a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FAST PATH, and EQ COMMENTS. Below the navigation menu, there are tabs: GENERAL INFO, CONTROL EQUIPMENT, EMISSION RELEASE POINTS (selected), COST ESTIMATE, and EMISSIONS SUMMARY. The main heading is "Emission Release Point Detail". The form contains the following fields:

- FIPS County: 999, Test
- Plant: 0002, OMER TEST2
- Emission Year: 2004
- Site: (empty)

Complete the information below.

\* Indicates required field

\* ERP ID:  Stack ID:

\* ERP Type:

Operating Status:

Description:

A Stack or Vent has been selected as an ERP Type. Please complete the information below.

Code Federal ID:

Terrain Height:  feet

Height:  feet

Diameter:  feet

## ENTERING AN EMISSION UNIT

After completing the Site information, the next step is to click on **EMISSION UNIT** in the inventory section. A drop down list will appear and you need to click on “**Emission Units**” in the drop down. This will bring up the Emission Unit list. To add a unit, click on “add to list”. This will take you to the Unit details page where you need to enter the emission unit #, description, # of units, and # of SCC’s, then click “add”. You can continue to enter all your units by changing the unit number and other information and clicking add after each one. When finished, hit “return to previous page” to go back to your emission unit list and it will show all the emission units. To “modify” an emission unit, click on the unit number and it will take you to the detail page to make changes and then click “modify” to update.

The screenshot shows the MoEIS Site Inventory web application in a Microsoft Internet Explorer browser. The address bar displays the URL: [https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_eu.htm](https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_eu.htm). The page features a navigation menu with links for HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EIQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FAST PATH, and EIQ COMMENTS. Below the navigation menu, there are four tabs: EMISSION UNITS, CONTROL EQUIPMENT, EMISSION RELEASE POINT, and RELEASE FLOW PATH. The main content area is titled "Emission Unit Details" and contains a form for entering unit information. The form includes fields for FIPS County (999, Test), Plant (0002, OMER TEST2), Emission Year (2004), and Site. Below these fields, there are two main sections: "Emission Unit Details" and "Related EIQ Data". The "Emission Unit Details" section contains a form with the following fields: Emission Unit (required), Description, No. of Units (1), Date Installed/Modified (mm/dd/yyyy), and No. of SCCs Used. There are "ADD" and "RETURN TO PREVIOUS PAGE" buttons at the bottom of this section. The "Related EIQ Data" section contains four buttons: EMISSION PROCESSES, EMISSION RELEASE POINTS, CONTROL EQUIPMENT, and RELEASE FLOW PATH. The browser's status bar at the bottom shows "Done" and "Local intranet".

MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR

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Address [https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_eu.htm](https://in-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_eu.htm) Go Links »

**MOEIS** SERVICES... HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EIQ HELP  
INVENTORY... SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EIQ COMMENTS

EMISSION UNITS CONTROL EQUIPMENT EMISSION RELEASE POINT RELEASE FLOW PATH

**Emission Unit Details**

FIPS County: 999, Test Emission Year: 2004  
Plant: 0002, OMER TEST2 Site:

**Emission Unit Details**

Complete the data fields below:  
\* Indicates required field

\* Emission Unit:   
Description:   
\* No. of Units:   
Date Installed /Modified:  (mm/dd/yyyy)  
No. of SCCs Used:

ADD RETURN TO PREVIOUS PAGE

**Related EIQ Data**

Select the buttons below to obtain related EIQ data for this Emission Unit.

EMISSION PROCESSES  
EMISSION RELEASE POINTS  
CONTROL EQUIPMENT  
RELEASE FLOW PATH

Done Local intranet

## ENTERING AN EMISSION PROCESS

After completing the emission units, you are ready to add the emission processes for each unit. In the inventory section, click on **EMISSION PROCESSES** and a drop down list will appear. Click on emission processes in the drop down list and it will take you to the emission process list. Click on “add to list” to go to process detail page. You will need to click on “select an emission unit” and a list of all the units will come up. Select the unit you want to add a process to and then enter your sequence number and SCC code and click “add”.

To “modify” an emission process, you must be on the emission processes page where a list of all the processes are shown. Click on the process code (SCC) to go into the detail page for that process. Make the changes needed and then click “modify”.

The screenshot shows the MoEIS Site Inventory web application in Microsoft Internet Explorer. The browser title is "MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_ep.htm](https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_ep.htm). The application has a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EIQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FAST PATH, and EIQ COMMENTS. The "EMISSION PROCESS" link is highlighted. Below the navigation menu, there are three tabs: EMISSION PROCESSES, OPERATING RATE SCHEDULE, and EMISSIONS CALCULATION. The "EMISSION PROCESSES" tab is active. The main heading is "Emission Process Detail". Below the heading, there are input fields for "FIPS County: 999, Test", "Plant: 0002, OMER TEST2", "Emission Year: 2004", and "Site:". Below these fields, there is a "SELECT AN EMISSION UNIT" button. The "Emission Unit:" field is empty, and the "AIRS ID:" field is also empty. Below the "Emission Unit:" field, there is a "Process Code Information" section. It contains a "Seg No.:" field, an "SCC:" field with a "CODE LIST" button, and a "Process Name:" field. Below the "Process Name:" field, there are fields for "Industry Source Category:", "Source Category Process:", "Description 4:", "Emission Factor UOM:", and "MISC:". To the right of the "Process Code Information" section, there is a "Related EIQ Data" section. It contains a "Click on the buttons below to add or edit information about this Emission Process." message and three buttons: "OPERATING RATE SCHEDULE", "EMISSIONS CALCULATION", and "RELEASE FLOW PATH". Below these buttons, there is a "Attach a worksheet to this Emission Process." message and a "Select a Worksheet" dropdown menu. At the bottom of the page, there is an "Emission Process Worksheets" section. It contains a "This Emission Process contains the following worksheets:" message. The browser's status bar at the bottom shows "Local intranet".



## OPERATING RATE SCHEDULE

When you are on the emission process details page and have completed the addition or changes to your process, click on **“operating rate schedule”** under related EIQ data. This will take you to the operating rate schedule detail page. You will need to enter your annual throughput and maximum hourly design rate, the hours, days and weeks of operation, and your percentage for each quarter. At bottom of page, click “add” if this is for a new process or click “modify” if making changes to existing operating rate. When completed, click “return to previous page.”

**MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR**

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Address: [https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_ep.htm](https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_ep.htm)

**MOEIS SERVICES...** HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EIQ HELP  
**INVENTORY...** SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EIQ COMMENTS

EMISSION PROCESSES OPERATING RATE SCHEDULE EMISSIONS CALCULATION

### Operating Rate Schedule Detail

FIPS County: 999, Test Emission Year: 2004  
Plant: 0002, OMER TEST2 Site:

Operating Rate Schedule Detail

Emission Unit: EP01 Process (SCC): 20100101 Seg No.:

Complete the information below.

\* Indicates required field

Throughput Method: [Dropdown]

\* Annual Throughput: 0.000000 1000 Gallons Burned

Maximum Hourly Design Rate: 0.700000 1000 Gallons Burned

**Annual Average**

\* Hours/Day: 24.00

\* Days/Week: 7.00

\* Weeks/Year: 26

Hours/Year: 4368.00

**Annual Percentage Throughput**

January-March: 0.00

April-June: 50.00

July-September: 50.00

Local intranet

## EMISSION CALCULATIONS

After completing the operating rate schedule for a process, you will need to click “return to previous page” which returns to the emission process detail page. You are now ready to enter the emissions calculations. You will need to click the **“emission calculations”** button under related EIQ data. If it is a new pollutant, click “add to list” to go to the calculation detail page. Select the pollutant you need to report, by bringing up a drop down list with the arrow given. Next, select the source of emission factor by using the arrow given for this. Enter your emission factor and control efficiency (if any) and click add. A message “add successful” will come up. If any other pollutants need to be reported for this process, you can change the pollutant and other information and then click “add” until all have been entered. Hit “return to previous page” to see the list of all the pollutants you have entered for this process. To modify a calculation, click on the pollutant to be taken to the detail page. Make the changes as needed and click “modify” at the bottom of page.

The screenshot shows a web browser window titled "MOEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://mr2webtest.dnr.state.mo.us/mois/framesets/fs\\_epu.htm](https://mr2webtest.dnr.state.mo.us/mois/framesets/fs_epu.htm). The page has a navigation bar with tabs: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EIQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FIRST PATH, and EIQ COMMENTS. Below the navigation bar are three sub-tabs: EMISSION PROCESSES, OPERATING RATE SCHEDULE, and EMISSIONS CALCULATION. The main heading is "Emissions Calculation Detail". The form contains the following fields and controls:

- Site: RPS County: 999, Test; Plant: 0002, CIMER TEST2; Emission Year: 2; Emissions Calculation Detail
- Emission Unit: EP01; Process (SCC): 20100101; Seg No.:
- Complete the information below.
- \* Indicates required field
- Annual Throughput: 0.000000
- \* Pollutant: [dropdown menu]
- \* Source of Emission Factor: [dropdown menu]
- Uncontrolled Emissions: ☒; Controlled Emissions: ☐
- \* Emission Factor: 0.0000000000 lbs./1000 Gallons Burned
- Overall Control Efficiency %: [text input]
- Actual Emissions: tons/year
- Buttons: ADD, RETURN TO PREVIOUS PAGE

## RELEASE FLOW PATH

After completing the emission calculations for a process, you need to click “return to previous page” and go back to emission process detail page. Next, you will click on the **“release flow path”** button under related EIQ data. This will take you to the list of flow paths for this process. If you need to add a flow path, click “add to list”. You will then need to go through the next five steps to enter your flow path.

**Step 1: Emission Unit:** This should come up automatically if working on a particular unit and process, but if not click on **“Select an Emission Unit”**. A list of all emission units will come up, click the selected emission unit.

**Step 2: Emission Process:** If you need to add the process, click on “add to list” to bring up the list of emission processes for this unit. Select the process.

**Step 3: Details:** Enter a path name (usually Path and emission unit #). Enter the beginning and ending dates of operation for the year. Next enter the % emissions. This is the % of emissions that flow through this path. Emissions flowing through one path should equal 100%. When having 2 or more paths (E.I.: stacks), a flow path needs to be made for each stack and % of emissions is divided.

**Step 4: Control Device:** If you need to add control equipment to a path, click on “add to list” which displays a list of control devices. Select control device.

**Step 5: Emission Release Point:** Click on **“select an emission release point”**. This will bring up list of all emission release points. Select the emission release point.

Next, you will need to click the “add” button. To add another path for this unit, you can change the information in each step and then click the “add” button.. Click on “return to previous page” to take you back to the list of all the flow paths for this emission unit.

To modify a flow path, click on the path name. You will then need to make the changes to your flow path and click “modify” when completed.



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**MOEIS SERVICES** HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EQ HELP

**INVENTORY** SITE EMISSION UNIT EMISSION PROCESSES WORKSHEETS FAST PATH EDC COMMENTS

EMISSION PROCESSES OPERATING RATE SCHEDULE EMISSIONS CALCULATION

From: Emission Unit Emission Process Exit Flow Path Control Equipment To: Emission Release Point **Release Flow Paths**

RPS County: 899, Test Emission Year: 2004  
Plant: 0002, CIMER TEST2 Site:

Complete the information below:  
\* Indicates required field

**Step 1:** Identify the Emission Unit that starts the path.  
\* Emission Unit: EP01 **SELECT AN EMISSION UNIT**

**Step 2:** Identify any and all Emission Processes.

Check to Remove from Path	Process Code (SCC)	Sag No.	SIC	Emission Factor UOM
<input type="checkbox"/>	20100101			1000 Gallons Burned

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**MOEIS SERVICES** HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EQ HELP

**INVENTORY** SITE EMISSION UNIT EMISSION PROCESSES WORKSHEETS FAST PATH EDC COMMENTS

EMISSION PROCESSES OPERATING RATE SCHEDULE EMISSIONS CALCULATION

**Step 3: details**

Complete the detail information below:

Path Name:

\* Begin Date: 01/01/2004 (mm/dd/yyyy) End Date: 12/31/2004 (mm/dd/yyyy)

\* % Emissions:

**Step 4:** Identify any and all Control Equipment in order along the Path.

Check to Remove from Path	Device No.	Order in Path	Description
<input type="checkbox"/>			

**REMOVE CHECKED ITEMS FROM LIST** **ADD TO LIST**

**Step 5:** Identify the end of the Path.

\* ERP ID:  **SELECT AN EMISSION RELEASE POINT**

ERP Description:

## ADDING A WORKSHEET

To enter the worksheets for an emission process, return to emission process detail page. Click on the arrow by **“Select a Worksheet”**. It will give a list of all the worksheets that could be used for this process. Click on the worksheet that is needed and you will be taken to that worksheet page. Each worksheet is formatted according to the information needed. You need to click the “add to list” where indicated to enter the information. Several of the worksheets have sections that need to be added. You may have to click “add to list” in one section, enter information and then click “add”. Continue to complete each section as needed.

Example: **Fuel Combustion Worksheet:**

The screenshot shows the MoEIS Site Inventory web application in Microsoft Internet Explorer. The browser title is "MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_ep.htm](https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_ep.htm). The application has a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EIQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FAST PATH, and EIQ COMMENTS. The "EMISSION PROCESS" section is active, showing "Emission Unit: EP01", "Process (SCC): 20100101", and "Seg No.: ". Below this, a note says "Complete the information below." and a red asterisk indicates required fields. The "Combustion Equipment Use" dropdown is set to "Electric Power Generation". The "Combustion Equipment Category-Coal Use" dropdown is empty. The "Fuel Type" dropdown is set to "Distillate (Fuel Oil 1 - 4)". There are buttons for "MODIFY", "DELETE", and "RETURN TO PREVIOUS PAGE". A section titled "\* Combustion Equipment Information (at least one Combustion Unit is required)" contains a table with the following data:

Check to Remove	Equipment Description	Year Put in Service	Coal Firing Code	Maximum Design Rate (million BTU/hour)
<input type="checkbox"/>	<a href="#">15000 kw oil-fired turbine generator</a>	01/01/2003		98.000000

Total: 0.0000

Buttons: REMOVE CHECKED ITEMS FROM LIST, ADD TO LIST

## MODIFYING A WORKSHEET

If you need to make changes to a worksheet that is already in the MoEIS system, you can do so in two different ways. In the **INVENTORY** section, click on **WORKSHEETS**. A “drop down” list containing all available worksheets will appear. Click on the worksheet you need to modify. This will take you to a list of all the emission processes that reported this worksheet. You will need to click on the emission process that is associated with the worksheet you wish to modify. If a section of the worksheet has modify under the information, you can make the changes and click “modify”. When the information is highlighted in **blue**, click the blue text to be redirected to the detail page for changes. Once you select the “modify” button, information will be updated on the worksheet.

MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address [https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs\\_worksheets.htm](https://n-nr2webtest.dnr.state.mo.us/moeis/framesets/fs_worksheets.htm) Go Links

**MOEIS** SERVICES... HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EQI HELP

**INVENTORY** SITE EMISSION UNIT EMISSION PROCESS WORKSHEETS FAST PATH EQI COMMENTS

CHARCOAL KILN DRY CLEANER FUEL COMBUSTION HAUL ROAD HAZARDOUS AIR POLLUTANT INCINERATOR LANDFILL OZONE PETROLEUM LIQUID LOAD PROCESS MASS-BALANCE STORAGE PILE TANK

**Worksheet: Emission Process List**

There is currently a total of 3 Emission Process(es) that have a Fuel combustion.

FIPS County: 999, Test Emission Year: 2004  
Plant: 0003, LUCY TEST1 Site:

Select a Process Code (SCC) from the list below to see the Fuel combustion Worksheet. If you need to complete a new worksheet, please go to the Emission Process detail page where you can make your selection.

Search by: Emission Unit Search for: GO RESET LIST

Emission Unit	Process Code (SCC)	Seg No.	SIC	Comment (Y/N)	Emission Factor UOM	SCC Description 4
EP04B	<a href="#">10200903</a>	0	2426	N	Tons Burned	Wood-fired Boiler (> 50,000 Lb Steam)
EP05	<a href="#">10200903</a>	0	2426	N	Tons Burned	Wood-fired Boiler (> 50,000 Lb Steam)
EP23	<a href="#">10200602</a>	0	2426	N	Million Cubic Feet Burned	10-100 Million Btu/hr

Missouri Department of Natural Resources 1-866-663-4748 / (573) 751-4817  
P. O. Box 176, Jefferson City, MO 65102 E-mail: [oac@dnr.mo.gov](mailto:oac@dnr.mo.gov)

Local intranet

You can also modify a worksheet from the **“emission process detail page.”** All worksheets associated with the process will be listed under emission process worksheets. Click on the worksheet you wish to modify to go in and make your changes.

**MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR**

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Address [https://n-r2webtest.dnr.state.mo.us/moeis/framesets/fs\\_ep.htm](https://n-r2webtest.dnr.state.mo.us/moeis/framesets/fs_ep.htm) Go Links »

**MOEIS SERVICES...** HOME CONTACT US SELECT A NEW SITE REPORTS SHORTCUTS SUBMIT EIQ HELP  
**INVENTORY...** SITE EMISSION UNIT **EMISSION PROCESS** WORKSHEETS FAST PATH EIQ COMMENTS

EMISSION PROCESSES OPERATING RATE SCHEDULE EMISSIONS CALCULATION

## Emission Process Detail

FIPS County: 999, Test Emission Year: 2004  
 Plant: 0003, LUCY TEST1 Site:

\* Emission Unit: EP23 [SELECT AN EMISSION UNIT](#)  
 AIRS ID:

**Emission Process Details**  
 Complete the data fields below.  
 \* Indicates required field

**Process Code Information**

Seg No.: 0  
 \* SCC: 10200602 [CODE LIST](#) Select new SCC code.  
 Process Name: External Combustion Boilers  
 Industry Source Category: Industrial  
 Source Category Process: Natural Gas  
 Description 4: 10-100 Million Btu/hr  
 Emission Factor UOM: Million Cubic Feet Burned  
 NAICS: 321113  
 SIC: 2426 [CODE LIST](#) Select new SIC and NAICS code.

**Related EIQ Data**  
 Click on the buttons below to add or edit information about this Emission Process.

[OPERATING RATE SCHEDULE](#)  
[EMISSIONS CALCULATION](#)  
[RELEASE FLOW PATH](#)

Attach a worksheet to this Emission Process.  
 Select a Worksheet

**Emission Process Worksheets**  
 This Emission Process contains the following worksheets:

**Fuel combustion**

Local intranet



## COST ESTIMATE

When all the EIQ data has been data entered, click on **SITE** in the inventory section. Next click on **COST ESTIMATE** from the drop down list. Click on “add to list” and enter your financial cost information and click “add” when completed.

The screenshot shows a web browser window titled "MoEIS Site Inventory - Microsoft Internet Explorer provided by Missouri DNR". The address bar shows the URL: [https://n-rizwebtest.dnr.state.mo.us/moeis/framesets/fs\\_site.htm](https://n-rizwebtest.dnr.state.mo.us/moeis/framesets/fs_site.htm). The page has a navigation menu with links: HOME, CONTACT US, SELECT A NEW SITE, REPORTS, SHORTCUTS, SUBMIT EIQ, HELP, SITE, EMISSION UNIT, EMISSION PROCESS, WORKSHEETS, FAST PATH, and EIQ COMMENTS. Below the menu, there are tabs: GENERAL INFO, CONTROL EQUIPMENT, EMISSION RELEASE POINTS, COST ESTIMATE, and EMISSIONS SUMMARY. The "COST ESTIMATE" tab is selected, and the page title is "Financial Cost Estimate Detail".

The form contains the following fields:

- FIPS County: 999, Test
- Plant: 0003, LUCY TEST1
- Emission Year: 2004
- Site: (empty)

Below these fields, there is a section titled "Completes the information below:" with a red asterisk indicating required fields. The fields include:

- Reporting Category: (dropdown menu)
- Required Personnel, Control Devices, Testing or Monitoring Information: (checkbox)
- Quantity: (text input)
- Total No. of Hours: (text input)
- Cost Per Hour: (text input)
- Total Cost: (text input)
- Comment: (text area)

At the bottom of the form, there are two buttons: "ADD" and "RETURN TO PREVIOUS PAGE".

The footer of the page includes the Missouri Department of Natural Resources logo, contact information (P. O. Box 176, Jefferson City, MO 65102), phone number (1-866-663-4746 / (573) 751-4617), and email address ([osc@dnr.mo.gov](mailto:osc@dnr.mo.gov)).

Upon completion of all your data, click reports to run the **EIQ checker**. Once it has passed the quality assurance check you will be ready to **SUBMIT EIQ**.